RS1004K-2F-I

INDUSTRIAL SWITCH



- 1. 4-Port Gigabit PoE Connectivity
- Equipped with 4 × 10/100/1000Mbps RJ45 PoE ports and 2 × 1000Mbps fiber ports, this industrial PoE switch provides reliable Ethernet and fiber connectivity for industrial networks, IP cameras, and wireless access points.
- 2. 48V PoE Power Supply
- Supports IEEE 802.3af/at PoE standards, delivering up to 30W per PoE port. With a total PoE power budget specified as 65W MAX / 72W, it provides both data and power to compatible network devices.
- 3. Fiber Connectivity with Flexible Interface Options
- The 2 Gigabit fiber ports support optional SC, FC, ST, or SFP interfaces. Single-fiber transmission is available with compatible matched transceivers, helping reduce fiber cabling requirements. Transmission distance depends on the selected optical interface and module.
- 4. Industrial Design for Harsh Environments
- Featuring a rugged metal housing, IP40 protection, and a wide operating temperature range of -40°C to 75°C, this switch is designed for factory workshops, traffic control cabinets, industrial surveillance, and other demanding environments.
- 5. Dual Power Input and DIN-Rail Installation
- Supports redundant dual DC power inputs from 10–52V, reverse-polarity protection, and DIN-rail mounting for flexible industrial installation. OEM/ODM customization is available for project-specific requirements.

Product name	4-Port Gigabit Industrial PoE Switch with 2 Fiber Ports
Ports	4*10/100/1000Mbps POE 2*1000Mbps FIBER
POE Ports	1-4

PoE Standard	IEEE 802.3af/at
PoE Pinout	1/2V+ 3/6V-
PoE Power Output	15.4W Max 30W
POE Power	65W MAX 72W
Network Protocol	IEEE 802.3 (10BASE-T); IEEE 802.3u (100BASE-TX/FX); IEEE 802.3ab (1000BASE-T); IEEE 802.3z (1000BASE-X); IEEE 802.3x (Flow Control); IEEE 802.3af/at
Distance	10BASE-T: Cat3,4,5 UTP(<=100 meter) 100BASE-TX: Cat5 or later UTP(<=100 meter) 1000BASE-TX: Cat6 or later UTP(<=100 meter)
Switch Properties	Total backplane bandwidth: 10Gbps Whole machine packet forwarding rate: 7.44Mpps MAC table: 2K Packet buffer: 1M Delay time: <4 us Exchange mode: store forward
Degree of protection	IP40 slim type metal case
Power Supply	Input voltage: DC12~54V (dual power redundancy backup) Access terminal: Phoenix terminal Support dual power redundancy Support reverse connection protection
Work environment	Operating temperature: -40~75 C Storage temperature: -40~75 C Relative humidity: 5%~95% (no condensation)
Mechanical properties	Housing: metal Installation: DIN clamp rail type
Dimensions	101*80*40 160*130*70mm
MTBF	300000 hours